CUHEL, V.

CUHEL, V. Construction with large brick blocks in Czechoslovakia. p. 2.

Vol. 7 no. 301, Oct. 1955 CONSTRUCTORUL Bucuresti, Rumania

So: Eastern European Accession Vol. 5 No. 4 April 1956

CUHLO, V.M., [Tsukhlo, V.M.]; FORGACS, Karoly, dr. [translator]

Gauses for lamina separation in chip boards during veneering in hot presses. Faipar 12 no.7:212-213 Jl 162.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000509420

RUMANIA/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref Zhur-Khim., No 24, 1958, 81585.

Author : Cuiban F., Cilianu S., Teodorescu S.

Inst:

Title

: The Synthesis of Phenolphthalein With the Application

of Chloro-Sulfonic Acid as the Condensing Agent.

Orig Pub: Rev. Chim., 1958, 9, No 3, 151-152.

Abstract: By the action of ClSO, H (I) on C, H, OH (II), the obtained product, 4-HOC, H, SC, H, is a good condensing agent for the synthesis of phenol-phthalein (III); the addition of ZnCl decreases the consumption of I and II. One hundred forty-eight grams of phthalic anhydride (IV) and 296 grams of II are heated at 110°C. until completely dissolved, for three hours at 110-115°C., 130 grams of I are added and mixed

Card : 1/2

20

### APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005094

RUMANIA/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref Zhur-Khim., No 24, 1958, 81585.

for 20 hours at 115-117°C., diluted with 500 ml of hoiling water, the precipitate is washed with boiling water, it dissolved in the theoretical amount of 5% NaCH, is precipitated with diluted HCl until acid to Congo, obtained 240 grams of III. A mixture of 148 grams of IV, 211 gms. of II and 34 grams of ZnCl, are heated at 110°C., 45 grams of I is added within 3 hours, it is mixed for 30 hours at 115-117°C., is treated as described above, and 72-75% of III is obtained, recrystallized from alcohol.

1771年2月1日 1871年 1

Card : 2/2

CUIBAN, F., and others.

Contributions to the technology of vitamin C. p. 71.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 2, February 1959.

MONthly List of East European Accessions (EEAI), LC. Vol. 8, no. 9,/1959. Uncl.

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CATSGORY
                                                                                                                                                                                                                                                         1959, No. 2791
                                                                                                 : RZKham., No.
ABS. JOUR.
                                                                                                    : Cothar, P.; 0123877, Rt.
ROHFUA
  INST.
                                                                                                   : Strop of the symblesis of Particula
  TIPLE
                                                                                                                      (Victorian Be).
  oate. PUB. : Aev. ohim. (APA), 1958, 10, 80 7, 76-76
ASSTRACT : An improve equation of the betrod of preparation of vitamin B, starting from DB; COh; COH; COH; (1) and obtain COM; (happing the eq., Fidness H., T. ares. Chem. Lod., Chit, CoM; (i) the constant of the scattering of the constant of the constant of the scattering of the constant of the const
          GARD: 1/2
                                                                                                                                                                                                                                                     156
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# COUNTRY : Rumania -APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005094 ABS. JOUR. : RZKhim., No. 1959, No. 86751 AUTHOR INST. TITLE ORIG. PUB. : ABSTRACT: poured in 25% H<sub>2</sub>SO<sub>4</sub> at 50°, yield of 3-cyano-4-methoxymethyl-(-methyl-pyridone-2 (II) 50%. To 112 g II and 330 ml (CH<sub>3</sub>CO)<sub>2</sub>O are added, at 70-75°, 45 ml fuming HNO<sub>3</sub>, yield of 3-cyano-4-methoxymethyl-5-nitro-6-methyl-pyridone-2 (III) 55%. Mixture of 50 g III, 270 ml C<sub>6</sub>H<sub>5</sub>Cl, 32 ml POCl<sub>3</sub> and 5 ml pyridine leated for 1 hour at 135-140° (bath), kept for 24 hours at about 20° to get a 60% yield of 2-chloro-3-cyano-4-methoxymethyl-5-nitro-6-methyl-pyridone-2. 30 g of the latter in 1 liter water and 15 ml concentrated HCl are hydrogenated over 4 g of 10% Fd/C, to the filtrate are added 50 ml concentrated HCl, and there are added at 80°, within 5 hours, 18 g NaNO<sub>2</sub> in 150 ml of CARD: 2/3

COUNTRY : G

ABS. JOUR. : RZKhim., No. 1 1960, No. 1144

AUTHOR : INST. : TITLE :

ORIG. PUB.

ABSTRACT cont'd

: 500 ml of (CH30)<sub>2</sub>CH<sub>2</sub>, after blowing through with N<sub>2</sub>, acetylene (5-7 atm) is introduced, mixed for 30 min and then during 3 hours 98 g of cyclohexanone are added, decomposed with water and, after treatment with NaHSO<sub>3</sub>, I is obtained, with a yield of 75%. To the mixture of 350 g of 12% NaOH and 32 g of NaBr, 144 g of 13% NaOCl solution are added at 0°, then after 30 min 25 g of I 200 ml of petroleum

CARD: 2/3

G-7

## APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005094

ABS. JOUR. : RZKhim., No. 1 1960, No. 11141

AUTHOR INST.

ORIG. PUB.

ABSTRACT cont'd

ether are introduced, and after 6 hours (~20°) II is separated by distillation, with a yield of 814%. To 200 g of COCl2 in 2 liters of toluene at 0°, the Na-derivative of I, prepared by the addition of 120 g of I in 200 ml of toluene to 25 g of crushed Na in 1.8 liters of toluene (~140°) and subsequent mixing during 1 hour, is added, then saturated with NH3 and by distillation III is separated out.-- S. Zav'yalov

CARD: 3/3

SEL'MICHIU, I. [Selmiceanu, I.]; CHUSHTYA, C. [Ciustea, G.]; KUYBAN, F.

[Cuibin, F.]; KOSTOV, I. [Costov, I.]

Di(2-chloroethyl)amino derivatives of tyrosine. Fart 1:

Synthesis of 3-di (2'-chloroethyl)amino-4-methoxyphenylalanine.

Zhur.ob.khim. 32 no.8:2464-2469 Ag '62. (MIRA 15:9)

1. Khimiko-farmatsevticheskiy issledovatel'skiy institut,

Bukharest.

(Tyrosine) (Sarcolysine)

CUIBAN, L.; WASSERMANN, N.

Some considerations on the preparation of 3-dimethylaminoprapanol. p. 79.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 2, Feb. 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, no. 9, Sept. 1959.

FRANTIU, Ion, ing.; CUIDA, Oleg, ing.; LAIU, Nicolae, ing.; LOZICIU, Martin, ing.

Economic and technical aspects of the manufacture and technical aspects of the manufacture and utilization of plated steel rolled goods. Metalurgia Rum 15 no.4:312-316 Ap 163.

L 2015-66 EWA(d)/EMP(t)/EMP(k)/EMP(z)/EMP(b)/EWA(c)/ JD/HW -ACCESSION NR: AP5027064	
AUTHOR: Cuida, O. (Engineer); Avram, Ch. (Engineer)	
TIME: Experiments concerning the manufacture of non-corrective ferritic ste tubes in a mill for 3" seamless tubes of the stossbank type	
SOURCE: Metalurgia, no. 4, 1965, 199-203	
ABSTRACT: On the basis of the tests reported in this paper, the authors conclude that non-corrosive ferritic steel. H 17 could be used to advantage at the Republica Pipe Works, without major changes in manufacturing technology and with significant technical-sconomic advantages. Orig. art. has 6 figures and 7 graphs.	
ASSOCIATION: /Guida/ Institutul de cercetari metalurgica (Metallurgical Research Institute); /Avrem/ Uzinele de tevi "Republica" ("Republica" Plpe Works)	
SUBMITTED: 00 SUB CODE: 194	
NO HEF SOV: CO4 OTHER: CO4 JPRS	

CZECHOSLOVAKIA

### CUJAN, J.

Iron Ore Mines (Zelezorudne doly), Ejpovice

Prague, <u>Casopis pro mineralogii a geologii</u>, No 1, 1965, p 87

"The Use of Iron Ore from Nucicka as Building Material."

CUJEC-DOBOVISEK, B.

YUCOSLAVIA/Nuclear Physics - Nuclear Reactions

C-5

Abs Jour: Ref Zhur - Fizika, No 2, 1958, No 2948

Author : Cujec-Dobovisek, B.

Inst : Not Given

Title : Mechanism of the Reaction 016 ( , 4 ).

Orig Pub: Repts. "J. Stefan" Inst., 1956, 3, 61-77

Abstract: In nuclear emulsions exposed in a gamma-ray beam from a betatron with maximum energy 32 Mev, 142 stars were selected corresponding to the 016 (Y, 4) reactions. At gamma ray energies less than approximately 24 Mev the reaction goes in 50% first with formation of excited states of the C12 nucleus with energy of 9.6 or 10.8 Mev, followed by formation of the ground state of Be0. In the remaining 50% of the cases the mechanism is not definite but processes are possible with formation of excited states of C12 with energies 12.76 Mev and Be0 with energies of 3 Mev, and also a direct breakup of the nucleus into four particles. At gamma ray energies above 24 Mev one observes a substantial change in the mechanism of the reaction. From 80 to 90% of the reaction involves

Card : 1/2

YUGGARPROMEDEFORVEELEASE: THURSTAY PEUly 27, 2000 CIA-

CIA-RDP86-00513R000509

Abs Jour : Ref Zhur - Fizika, No 2, 1958, No 2948

the formation of excited states of the C12 nucleus with energy 16.1 Mev and of the Be<sup>8</sup> nucleus with energy of 3 Mev, while in the remaining cases the reaction proceeds with formation of the ground state of Be<sup>8</sup>. The angular distribution obtained by the author for the  $\propto$  particles that constitute of C<sup>12</sup> nucleus in state with 16.1 Mev energy is in good agreement with the theoretical values calculated for type El absorption. The described change in the mechanism of the reaction with increasing gamma ray energy above 24 Mev is explained by the selection rules with respect to the isotopic spin.

Card : 2/2

CUTEC-BOSOVISEK RIBITANI

C-3

CUTEC-DOBOVISEK BIBYANA

YUGOSLAVIA/ Nuclear Physics - Elementary Particles.

Abs Jour :

: Referat Zhur - Fizika, No 1, 1958, 339

Author

: Gujec - Dobovisek Bibyana

Inst

Title

: Experimental Discovery of the Neutrino

Orig Pub

: Obz. mat. in fiz., 1956, 5, No 2, 67-70

Abstract

: No abstract.

Card 1/1

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005094

YUGOSLAVIA/Nuclear Physics - Nuclear Reaction.

Abs Jour

: Ref Zhur - Fizika, No 6, 1959, 12486

Author

: Cujec, B.

Inst Title

: Photoprotons from Si,P, and S.

Orig Pub

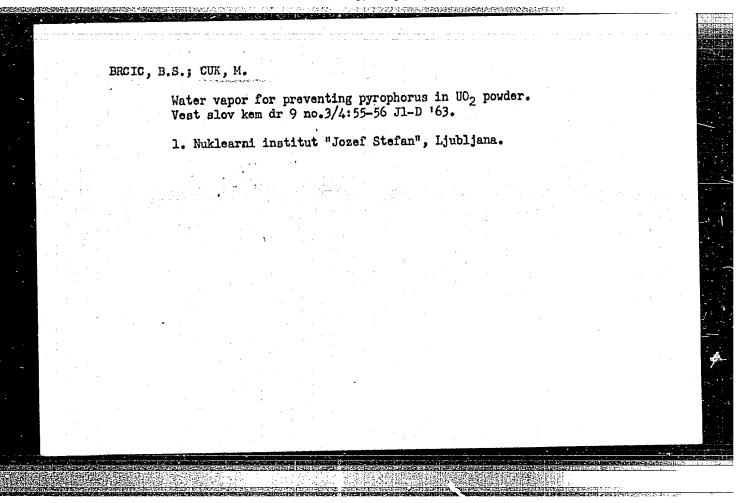
: Repts. "J. Stepan" Inst., 1957, 4, 95-108

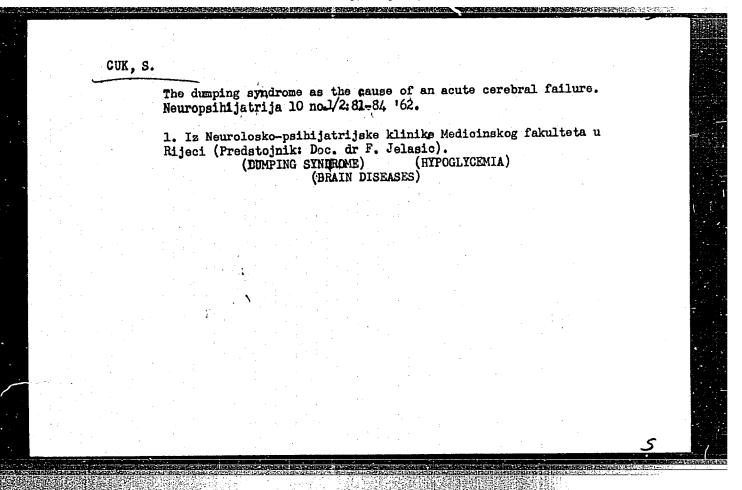
Abstract

The author has measured the energy and angular distributions of photoprotons from silicon, phosphorus, and sulfur exposed to bremsstrahlung with a maximum energy of 32 Mev. The proton yields for silicon, phosphorus, and sulfur, expressed in units of 105 proton/mole-roentgen are found to be 3.7, 4.3, and 4.8, respectively. The measured distributions were compared with the theoretical ones, calculated on the basis of the model of the intermediate nucleus and the Wilkinson shell model (Referat Zhur Fizika, 1957, No 9, 22159). The energy distributions are in very good agreement with the calculations on the

Card 1/2

# CUJEC, Petar Building of siles in the harbor of Rijeka nearing its completion. Medun transp 8 no.9:610-613 S '62.





### CUK,S.

Some socio-medical aspects of alcoholism in Rijeka. Neuro-psihijatrija 11 no.1148-55 163

1. Iz Neuropsihijatrijske Klinike Medicinskog fakulteta u Rijeci; predstojnik: doc.dr. F.Jelasic.

\*

Suicido and attempted suicide in the Rijoka district in the light of some general and local informations. Neuropsichintria 11 no.2:169-177 163.

1. Iz Neurolosko-psihijatriiske klinike Med. fakulteta u Rijeci (Fredstojnik: Doz. dr. F. Malasic).

```
CUK, V., Dr.; WEISGLASS, H., dr.

Sepsis caused by beta-hemolytic Streptococci. Lijec. vjes. 78
no.3-4:165-167 Mar-Apr 56.

1. Iz. Djecjeg odjela Bolnice dra Stojanovica i Centralnog
higijenskog zavoda u Zagrebu.

(MENINGITIS, eticl. & pathogen.

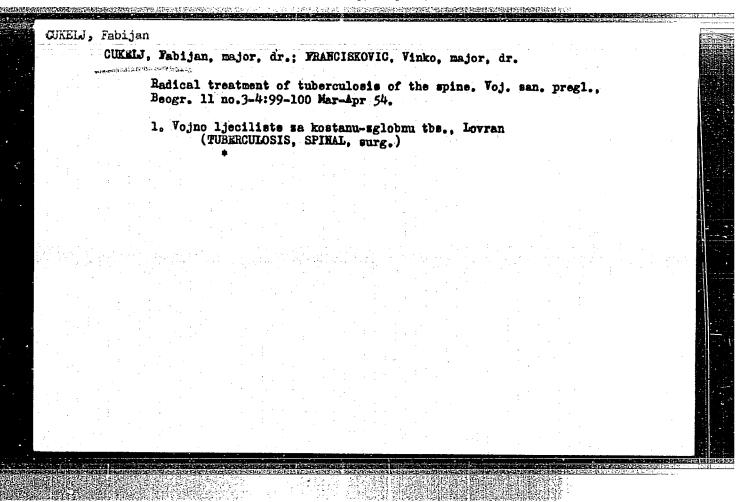
-hemolytic Streptococci, with septic gonitis in child

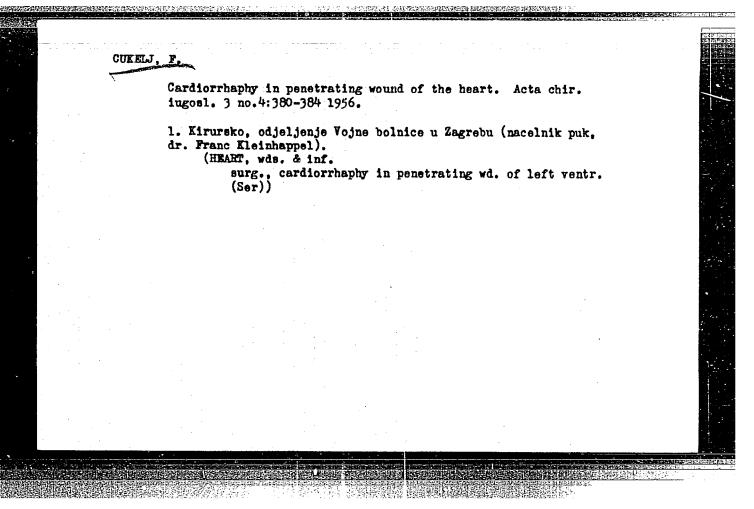
(Ser))

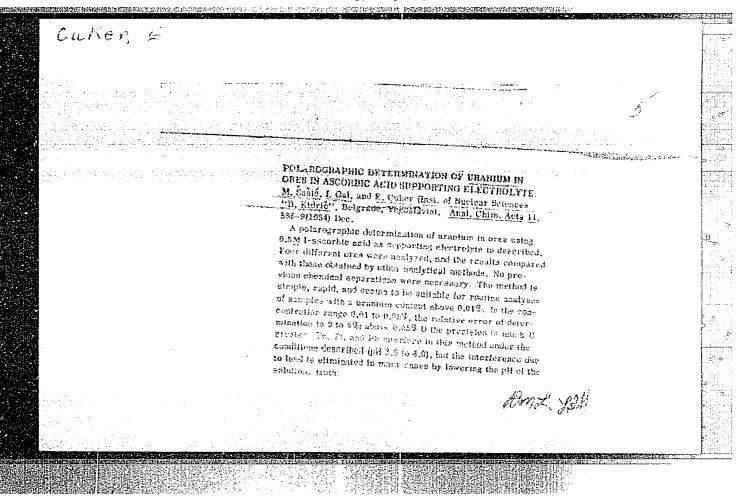
(KNEE, dis.

gonitis caused by 7-hemolytic Streptococci, with
meningitis in child (Ser))

(STREPTOCOCCUS, infect.
meningitis & gonitis in child caused by 7-hemolytic
Streptococcus (Ser))
```







CUKER KAREL

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and J-3
Their Application - Medicinals, Vitamins, Antibiotics

Abs Jour

: Referat Zhur - Khimiya, No 2, 1958, 5569

Author

: Cuker Karel

Inst

: Not given

Title

: Obtaining a Preparation Having a High Content of Carotin

from Carrots

Orig Pub

: Prumysl potravin, 1955, 6, No 7, 364

Abstract

: Study of an improved prodedure for the recovery of a preparations from carrots with the view of utilizing the method for obtaining betacarctin from alfalfa and nettles which contain more carotin (C) than the carrots. From partially dried carrots 50-60% of the juice are expressed.

Card 1/2

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005094 Chemical Products J-3

and Their Application - Medicinals. Vitamins. Antibiotics

Abs Jour

: Referat Zhur - Khimiya, No 2, 1958, 5569

Abstract

i The juice is heated at 85-90° until the pH is 4.5-6.0. By adding coagulating proteins to the juice almost all the C is recovered. The protein precipitate has a volume equal to 1/10-1/20 of the total volume of the juice. The juice is decanted, the precipitate is dried to a dark-brown product containing 65 000 % per 100 g. The product is ground and the powder is used for enrichment with vitamin, From the dried cores C is obtained by extraction with gasoline, and the C is made into an oil concentrate of a given titer. The advantage of this procedure is the low loss of C (less by 50% than in other procedures. According to Soviet norms losses of C are as high as 40% whereas in the above-described procedure losses of C are of 15-25%.

Card 2/2

# Hote on the article "New excitation control in our generators" by L. Postler. Energetika Cz 11 no.10:524 0 '61.

BAGDZIUS, B., otv. red.[deceased]; CUKERZIS, J., red.; LAPINSKAITE, J., red.; MANIUKAS, J., red.; KAMINSKIENE, L., red.

[Hydrobiological studies of Dukstas area lakes] Duksto ezeru hidrobiologiniai tyrimai. Gidrobiologicheskie issledovaniia Dukshtasskikh ozer. Vilnius, Leidykla "Mintis," 1964. 146 p. [In Lithuanian and Russian] (MIRA 18:2)

l. Lietuvos TSR Mokslu Akademija, Vilna. Zoologijos ir parazitologijos institutas.

GUKIER, J.

Inclined cableway for parachute exercise. p. 12. (SKRZYDLATA POLSKA, Warszawa, Vol. 11, No. 5, Jan. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

CUKIERMAL, H.

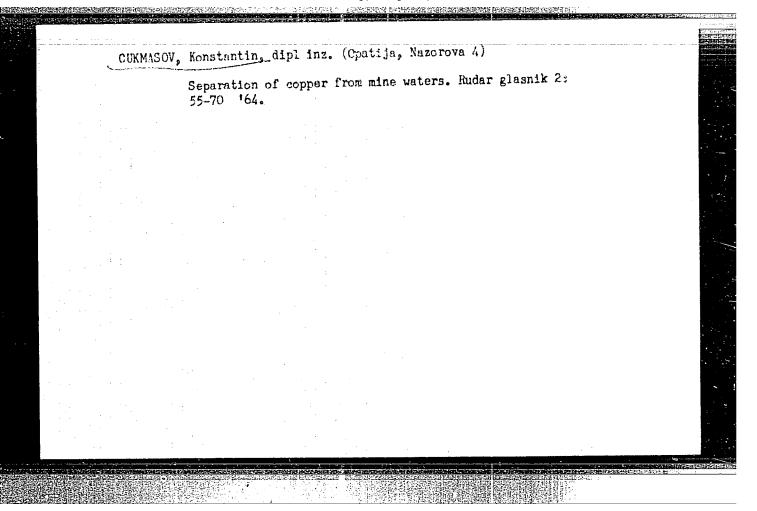
Tasks of clothing plants in Breslau for 1955 based on achievements of 1954. p. 88. ODZIEZ, Lodz, Vol. 6, no. 5, Hay 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

CUKINA, I.

Probelms of the mainteneance of 4th-order vicinal reads. p. 201. (Ceste i mostovi, Vel. 5, No. 5, May 1957, Zagreb, Yugslovia)

SO: Monthly List of East European Accessions (ERAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.



YUGOSLAVIA

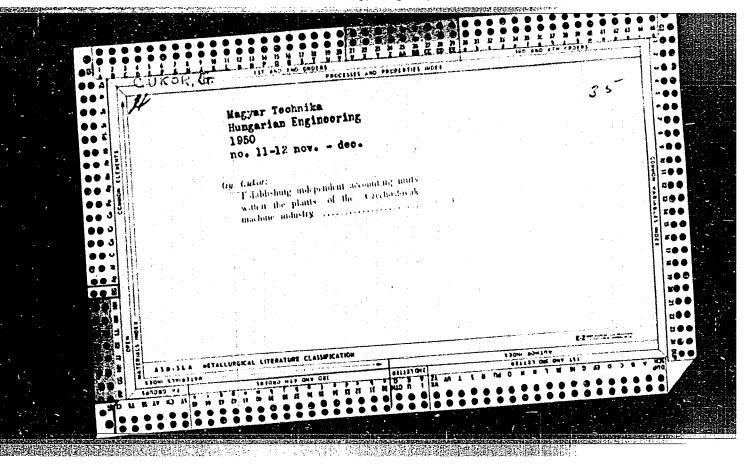
CUKOR, E., Veterinary Institute (Veterinarski Zavod), Subotica.

"Comparative Study of the Effect of Various Iron Preparations on the Prevention of Anemia in Piglets."

Belgrade, Veterinarski Glasnik, Vol 17, No 9, 1963, pp 807-815.

Abstract: Author's English summary modified The author experimented with the application of a number of iron preparations to a total of 251 piglets from 26 different sows (12 Holland Whites and 14 Yorkshires) on the Bikovo state farm near Subotica from 6 May to 30 July 1962. The results showed that Myofer (product of Hoechst) and Pigdex-100 (product of Cyanimid) are extremely high-quality products for parenteral administration with the great advantage of a single application with certain effect, that Dufferon (product of Philips-Duphar) is of equally high quality for oral administration and for purposes of prevention rather than therapy, that Iron-dextron (product of Poland) and Ferroline (product of Taro-vit) are just barely satisfactory except perhaps with repeated doses, and that Miap (product of Kalinovic, Zagreb) is usable only if the initial hemoglobin concentration is rather high.

Three tables, three graphs, four Western and four Yugoslav references.



CUKOR, GY.

"Robert Balint's and Andor Gesztis A Diszpacserrendszeru Iranyitas Alkalmazasa (Application of the Routing System); a book review." p. 32 (TOBBTERMELES. Vol. 8, No. 12, Dec. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, April 1955, Uncl..

CUKOR, GY. - Gep - Vol. 7, no. 5, May 1955.

Basic principles of standardization of operational directives. p. 185.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955 Uncl.

CUKOR, GY.

CUKOR, GY. Remerks on "Viewpoints in Selecting Technological Veriations in Cutting and Machining Methods." p. 223.

Vol. 7, No. 6, June 1955.

GEP.

TECHNOLOGY

Eudapest, Hungery

So: East European Accession, Vol. 5, No. 5, May 1956

### CUKOR, G. (Budapest V. Nador u.7)

Some problems of the long-range planning of labor productivity in industry. Periodica polytechn electr 4 nc.1:37-53 \*60. (EEAI 10:1)

1. Institute for Economics of the Hungarian Academy of Sciences. (Labor productivity)

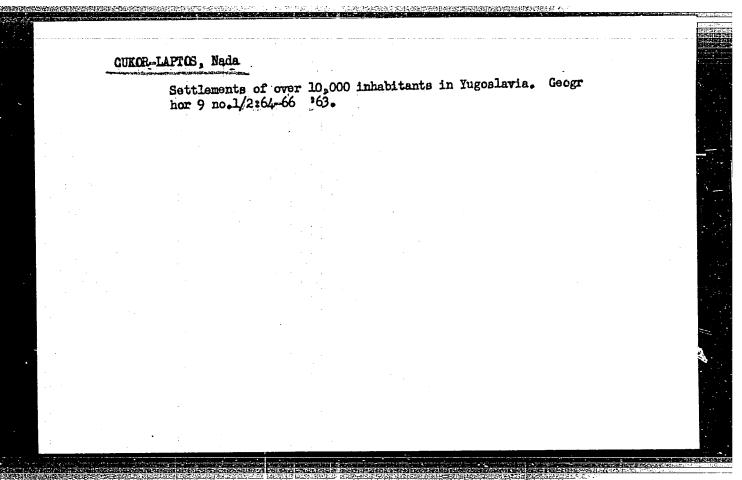
PEREDY, Sandor; MONATH, Lajos; RAPELIUS, Karl (Leipzig); CALLENBERG,
Waldemar (Leipzig); LIPKA, Ceslav (Praha); FREIBERGER, Rudolf,
dr. ing. (Praha); SCHENKEL, Gerhard, dr. ing. (Karlsruhe);
MIKUISKI, Jan, dr. ing. (Katowice); FRATZSCHER, Wolfgang, dr.
ing. (Drezda); BENEDEK, Istvan; CUKOR, Gyorgy; SAGI, Marton;
SOVARY, Emil; NAGY, Csaba (Roman Nepkoztarsasag); ELEFTERESCU, M.
(Roman Nepkoztarsasag); KOVACS, Istvan (Roman Nepkoztarsasag);
LAZAR, Peter, dr.; MEJRO, Cz., prof. (Varso); KOKOVAY, Janos, dr.;
SCHAEFER, Helmuth, dr. ing. (Karlsruhe); BORBAS, Nandor; GRUHN,
Gunther, Dipl. ing. (Drezda); SZABO, Bendeguz; GYORI, Attila;
MOLNAR, Laszlo; RECZEY, Gusztav, dr.

Determination and application of specific power utilization indexes. Tpari energia 3 no.1/2:15-22 Ja-F 162.

1. Koho- es Gepipari Miniszterium Ipargazdasagi es Uzemszervezesi Intezete (for Peredy). 2. Obudai Hajogyar (for Monath).
3. Orszagos Energiagazdalkodasi Hatosag (for Benedek and Reczey).
4. Magyar Tudomanyos Akademia Kozgazdasagtudomanyi Intezete (for Cukor and Sagi). 5. Eromu Tervezo Iroda (for Sovary). 6. Konnyuipari Miniszterium (for Kokovay). 7. Voros Csillag Traktorgyar
(for Borbas). 8. Kobanyai Muanyaggyar (for Szabo). 9. Koho- es
Gepipari Miniszterium Energiaosztaly (for Molnar).

CUKOR, Gy. (Budapest, V., Nador u.7)

Long-term planning methods for the production and allocation of energy. Periodica polytechn electr 7 no. 3:209-226 '63.



YUGOSLAVIA / Analytical Chemistry. Analysis of Inorganic E-2 Substances.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 999.

Author : Krajovan - Marjanovic, V., Hlavaty, M., Habekovic,

-M., Cukovio, V.

Inst : Not given.

: The Electrographic Method for Determining Alloying

Title : The Electrographic Elements in Steels.

Orig Pub: Kemija u industriji, 1958, 7, No 2, 33-38.

Abstract: Methods for the electrographic determination of Cr, Ni, Co, Mo and V in steels using Schleicher-Schull 576 and Whatman No 50 were developed. To determine 5-13% of Cr, a mixture of 0.5 M Na<sub>3</sub>CO<sub>3</sub> [sic] and NaNO<sub>3</sub> (3:1) solutions is used as the

electrolyte and as the reagent for  $Cro_4^{2-}$  — a 1%

Card 1/4

YUGOSLAVIA / Analytical Chemistry. Analysis of Inorganic E-2 Substances.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 999.

Abstract: diphenylcarbizide solution (followed by treatment with 5% acetic acid). In the Ni determination, the electrolyte used is a mixture (1:1:1:2) of 5% (NH<sub>4</sub>)<sub>2</sub>S<sub>2</sub>O<sub>8</sub>, 5% NaF, 0.5M sodium potassium tartrate and 5% tartaric acid solution; Ni<sup>2</sup>/ is determined with a 2% dimethylglyoxime solution. For the determination of Co, 2N solution of ammonium acetate and as the reagent a 2% solution of A-nitroso-\$\beta\$-naphthol are used. For the determination of Mn a 0.5M solution of sodium potassium tartrate serves as an electrolyte; prior to the determination, Mn is converted into a cyanide complex by treatment with a mixture of 1% solutions of KCN and NH<sub>4</sub>OH, is acidified by 5% H<sub>2</sub>O<sub>2</sub> to Mn<sup>4</sup>/ and then is determined with 1% ben-

Card 2/4

24

YUGOSLAVIA / Analytical Chemistry. Analysis of Inor- E-2 ganic Substances.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 999.

Abstract: zidine acetate solution. For the determination of Mo is used a mixture (1:1:1) of 0.5 M sodium potassium tartrate, 0.5 M ammonium citrate and a 5% solution of (NH<sub>2</sub>)<sub>2</sub>C<sub>2</sub>O<sub>4</sub> are used as the electrolyte; Mo is determined by a successive treatment with a 10% solution of potassium ethyl xanthogenate and 10% HCl. Ten percent HNO<sub>3</sub> serves as the electrolyte for V; the vanadyl is acidified with a 5% KMnO<sub>4</sub> solution to V<sup>5</sup>7, and then is treated consecutively with 5% SnCl<sub>2</sub> and C<sub>6</sub>H<sub>6</sub>NH<sub>2</sub> solutions. In all of the cases, the current density was 20 ma/cm.<sup>2</sup>; voltage was 1.5 mv.; the duration of electrographic analysis was 60

Card 3/4

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000509
YUGOSL.VIA / Analytical Chemistry. Analysis of Indreso-

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 999,

Abstract: seconds. For studying the microstructure of steel, a 0.5 M K<sub>4</sub>Fe(CN)<sub>6</sub> solution is used as the electrolyte and a 5% solution of acetic acid as the reagent. -- T. Levi.

RADOSAVLJEVIC, S.D.; DRAGOJEVIC, M.D.; CUKOVIC, O.Lj. (Miss)

Combined water-repellent agents baset on silicones. Pt.l. Glas Hem dr 27 no.7/8:447-455 \*62

1. Faculty of Technology, Institute of Inorganic Chemistry, Belgrade.

# "APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00050942

EWP(e)/EWP(v)/T WW/WH SOURCE CODE: CZ/0057/65/000/008/0327/0328 ACC NR: AP6026582 AUTHOR: Cukr. B. (Engineer); Kracmarova, E. (Engineer) ORG: SONP, Kladno TITLE: Lining of outlet troughs of steel furnaces SOURCE: Hutnik, no. 8, 1965, 327-328 TOPIC TAGS: metallurgic furnace, magnesite, mechanical engineering The authors describe a method which they developed on a 40-ton Martin furnace. The steel shell is lined with normal shaped refractories made of chromemagnesite material. The mortar consists of a slurry of magnesite powder in water glass; the lining is dried out. Any possible damage can be repaired by using the mortar mentioned above. Chromemagnesite powder in water glass may also be used instead on the magnesite - water glass mixture. Acid mortars must not be used. Up to 250 charges may be passed through the trough before a complete new lining is needed. Orig. art. has: 7 figures. [JPRS] SUB CODE: 13 / SUBM DATE: none Card 1/1 ULR 09/6

HRIBERNIK, E.; MOJIC, R.; JOST, J.; CUKROV, J.; MESOJEDIC, B.

Adsorption of phenols on the Yugoslav coals and cokes. Vest Slov kem dr 9-no.1/2:21-26 Ja-Je- \*62.

l. Institut za kemijo Univerze v Ljubljani.

BARANOWSKI, B.; CUKROWSKI, A. S.

The general equation of marker velocity in transfer processes. Bul chim PAN 9 no.4:253-256 '61.

1. Institute of Physical Chemistry, Polish Academy of Sciences. Fresented by M. Smialowski.

(Equations) (Temperature) (Isobars)

(Chemical reaction, Rate of)

BARANOVSKIY, B. [Baranowski, B.]; TSUKROVSKIY, A.S. [Cukrowski, A.S.]

Some comments on the paper by D.K. Belashchenko and A.A. Zhukhovitskii "On the theory of electrolytic transport." Zhur. fiz. khim. 36 no.9:2096-2097 S '62. (MIRA 17:6)

1. Institut fizicheskoy khimii Pol'skoy Akademii nauk.

BARANOWSKI, Bogdan; CUKROWSKI, Andrzej Szczesny

Transfer processes in solid metallic alloys. Archiw hutn 9 no. 1:31-54 '64.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw.

# "APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00050942

1 04545-67 EMP(c)/EMP(k)/EMP(h)/T/EMP(1)/EMP(v)

ACC NR: AP6010596

SOURCE CODE: YU/0009/65/000/004/0385/0390

AUTHOR: Culafic, Milovan (Graduate engineer)

7

ORG: none

TITLE: Automation of switching from urban electric alternating current networks to auxiliary generators and vice versa

SOURCE: Vazduhoplovni glasnik, no. 4, 1965, 385-390

TOPIC TAGS: high power switch, switching circuit, electric network

ABSTRACT: A general discussion is presented on the importance of maintaining the continuous operation of various electrical and electronic equipment of modern airfields (radar, radio communication equipment, light signals, etc.). A survey of the two existing systems for automatic switching from urban electrical a-c network to auxiliary stand-by generators and vice versa is given. The equipment involves breaks in electrical supply lasting several seconds and the so-called no break units. Orig. art. has: 2 figures.

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 003/ OTH REF: 005

Card 1/1 gd

# CULAN, Nikola

Organization of the dispatching service. PTT Zajed 5 no. 7: 13-22 N-D 163.

 Clan Redakcionog odbora, "PTT; Strucni casopis Zajednice jugoslovenskih posta, telegrafa i telefona".

CULAV, Ivo, inm.

A suggestion about totally automatized plants. Automatika 5 no.5:379-383 '64.

1. Electrode and Ferroalloy Plant, Sibenik.

PAURENCO, Commercia, cofeet VRENOTO, Goe, Greg RORTZ, Le, Greg STELCENCO, Ve, Greg PARA, Le, Greg BELOTOMING, Ce, creg GULDA, Ce, creg MIRORECO, Ce, creg DUNTTRESCU, Riena, creg ADDORE, Ce, creg Considerations on the obmastacid is mathematical of requiremental sunch and sunch an advantage of comments of country consensations. Commissional Comments of the constant of country and consensations of country and constant of country and consensations.

1. In rare affectuata in crimica de atorinolaringologie, Brunesti.

RUMANIA/Cultivated Plants - Medicinal. Essential Oil-Bearing.

Toxins.

Abs Jour

: Ref Zhur Diol., No 12, 1958, 53871

Author

Culcer, Alexandru

Inst Title

: Observations of the Phytoneidic and the Styptic Action

of the Roundleaf Sundew (Drosera rotundifolia)

Orig Pub

: Natura (Romin.). 1956, 8, No 6, 113-116

Abstract

The phytoncide properties of rabies were determined as the result of the effect of sundew juice on the rabies, varus, and in feeding baby chicks suffering from K avitaminesis with raw sundew plants and the extract from dry leaves, the styptic effect and complete recovery

were observed. -- B.T. Matiyenko

Card 1/1

CHECER, G.

The actual operation of the production plan through internal commands in the metallurgy industry takes place with mediocre series production. METALURGIA SI CONSTRUCTIA DE MASINI (Metallurgy and Machine Constructin.) 2:70:Feb 55

TIMOC, I.; HICA, L.; PETRESCU, G.; MAUKSCH-KOVATS, M.; CULCITCHI, N.

Pulmonary excision in a child aged six months. Rumanian M Rev. no.3:
36-37 Jl-S '60.
(PNEUMONECTOMY in inf. & childh.)

CULCZYNSKI, Zygmunt

POLAND/Chemical Technology, Chemical Products and Their Application, Part 3. - Food Industry.

н-28

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34321.

Author : Zbigniew Bozyk, Kazimierz Szafrański, Halina Goch,

Zygmunt Culczynski, Anna Jastrzebska.

Inst : not given.

Title : Nutritious Value of Some Canned Meat.

Orig Pub: Przem. spozywczy, 1956, 10, No 11, 464 - 467.

Abstract: The investigation of canned meat "Beef Goulash",

"Pork Goulash" and "Sausage" concerning their water, protein, fat, ashes and carbohydrate contents showed that "Pork Goulash" was the most calorific; "Beef

Goulash" was rich in protein.

Card : 1/1

# "APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00050942

"Automatic	Cutoff	for H	achine	Tools.	" p.	204.	Prahe	, Vol. 2,	no. 5.	May 1	L954.		
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CULER, A.

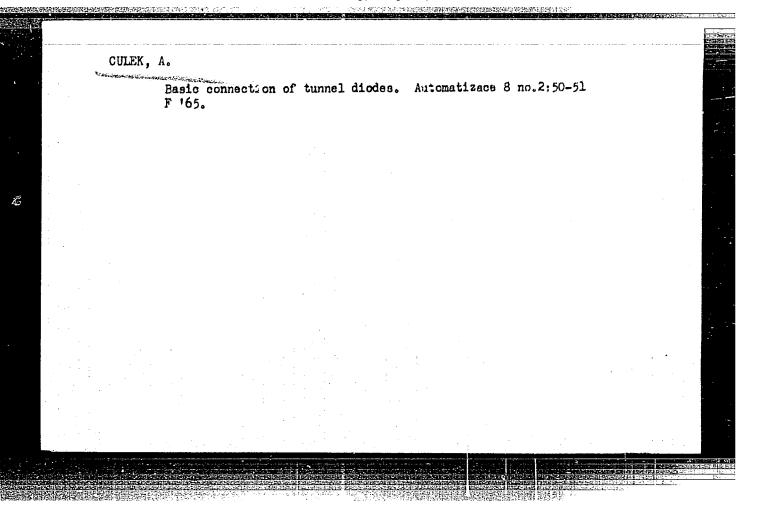
Culek, A.

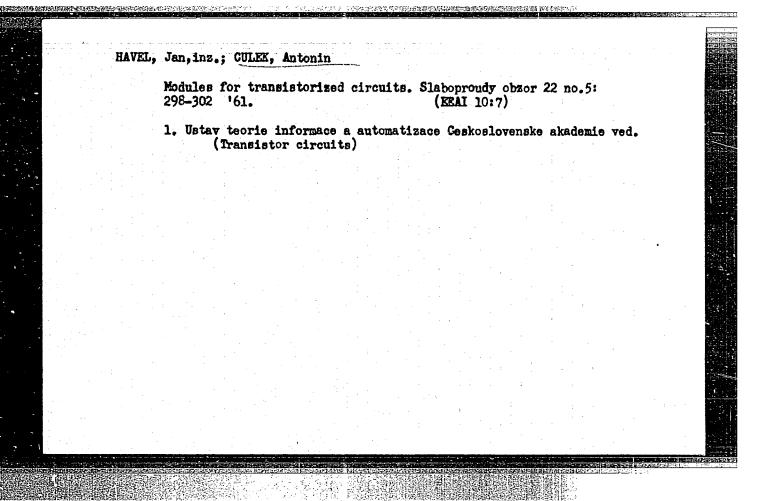
Study of flora in the Caslav area from the viewpoint of conservation of wildlife. p. 53.

Lappic state reservation. (To be contd.) p. 58.

Vol. 10, no. 2, March 1955 OCHRANA PRIRODY

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.





L 1720-66

ACCESSION NR: AP502L076

CZ/0039/64/025/012/0707/0714

AUTHOR: Havel, Jen (Engineer, Candidate of sciences); Culek, Antonin

TITLE: Special counters designed with decatrons

SOURCE: Slaboproudy obzor, v. 25, no. 12, 1964, 707-714

TOPIC TAGS: electronic component, circuit, design, circuit reliability

ABSTRACT: The application of various types of decatrons to special counter circuits is discussed. One Czech (11TU7, by TESLA), two Soviet (OG3 and OG4), one British (GS10D) and two Swiss (EZ10B and ECT100) decatrons are compared, and the operational reliability of the Czech product is termed inadequate. Circuit diagrams, photographs and detailed descriptions are given of special (preset and reversible) counters designed with decatrons. Orig. art. has: 12 figures.

ASSOCIATION: Ustav teorie informace a automatizace CSAV, (Institute of the Czechoslovek Academy of Sciences CSAV)

SUBMITTED: 25May64

ENCL: 00

SUB CODE: EC

NR REF SOV: 000

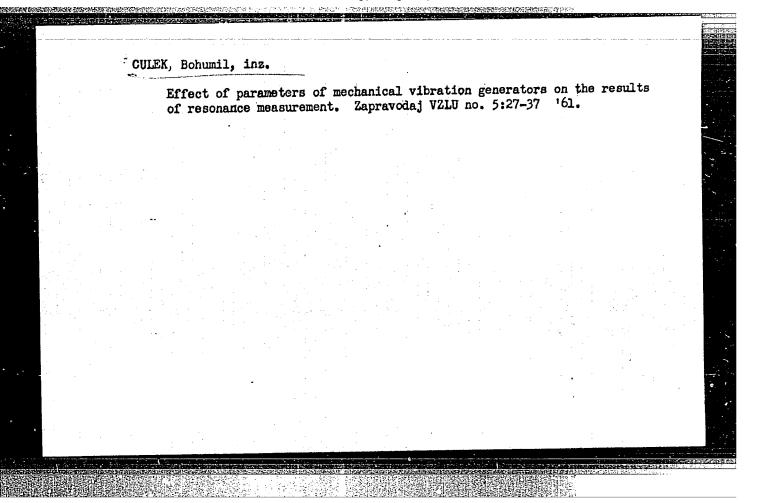
OTHER: 006

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APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-I

CIA-RDP86-00513R00050942(



Z/041/63/000/002/004/005 E192/E135

AUTHOR:

Culek, Bohumil, Engineer

TITLE:

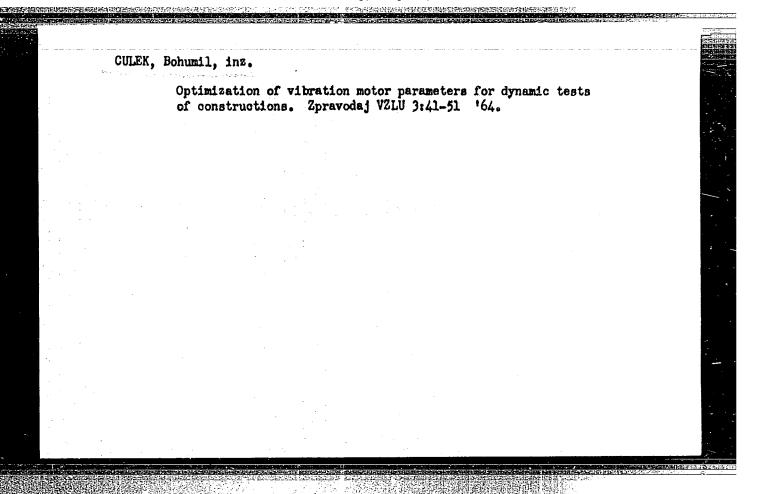
Analysis of the parameters of the vibrators used for the dynamic testing of structural components

PERIODICAL: Strojnicky časepis, no. 2, 1963, 181-188

TEXT: An electrodynamic vibrator (comprising a vibrating coil situated in the air gap of a magnet) can be represented by three ideal equivalent circuits: 1) an electrical RLC circuit;

2) a mechanical circuit of mass m, elastance c and mechanical resistance r; and 3) an ideal lossless electromechanical transducer. Pifferential equations for the equivalent circuits are discussed in some detail and the performance parameters of some practical vibrators are reviewed. The frequency range covered by these devices is primarily determined by the spacing between their two resonance frequencies; most of the vibrators can be used at frequencies down to 5 - 10 c/s; the upper limit is usually 5 kc/s but some special units can work up to 20 kc/s. The output force of the vibrators ranges from a fraction of a kg to several tons. The maximum deflections produced by the vibrators are of the order Card 1/2

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Analysis of	Z/041/63/000/002/004/005 the parameters of the E192/E135	· i
Dutnut force	r small units and 1 12 mm for the very large devicesto-weight ratio of the vibrators varies from about	
0.2 for very	small devices to 1.0 for the largest available units. cent types of electrodynamic vibrator (VB 01, VB 04) were developed in Czechoslovakia by the Výzkumný ústav	<b>,</b> ;
tenelnétechn	iky (Research Institute for Heat Engineering) and	
Wrighten mark a g	kušobní letecký ústav (Aircraft Research and Test	
Výzkumný a z Institute).	kušební letecky ústav (Aircraft Research and Test The paper was read at the Second National Conference	
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RUSMAN, Zlatan, inz. (Zagreb); GACESA, Tea, inz. (Zagreb); CULEK, Cedomizinz. (Zagreb); BOZURIC, Dusan, teh. (Zagreb)

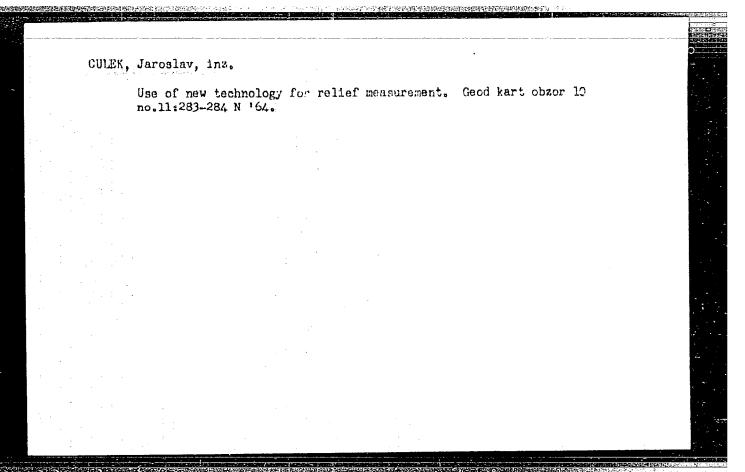
Aluminum alloys of high mechanical properties. Ljevarstvo 8 no. 3/4: 89-97. 1961.

1. Institut za lake metale, Zagreb.

RUSMAN, Zlatan, inz. (Zagreb); GACESA, Tea, inz. (Zagreb);
CULEK, Cedomir, inz. (Zagreb); BCZURIC, Dusan, teh. (Zagreb)

Aluminum alloys of high mechanical properties. Ljevarstvo
8 no.3/4:89-97 'fel.

1. Institut za luke metale, Zagreb.



HORKOVIC-KOVAC, G.; WIEDERMANN, V.; CULEN, J.

On the problem of the study of fatigue. Bratisl. Lek. Listy. 42 no.5:262-271 '62.

1. Z Psychiatrickej kliniky Lek. fak. Univ. Komenskeho v Bratislave, veduci prof. MUDr. E. Guensberger, a z Psychologickej vychovnej kliniky v Bratislave, riaditel doc. PhDr. M. Bazany, C. Sc. (FATIGUE) (NEUROSES) (CENTRAL NERVOUS SYSTEM)

"Fighting daily for increased agricultural production.", p. 233, (ZA GOOTALISTICKE ZEMEMELETVI, Vol. 3, #3, Mar. 1953, Caschoslovekia)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress, August 1953, Uncl.

# Burnt masonry materials and roofing. Stavivo 41 no.3:91-93 Mr '63. 1. Ministerstvo vystavby, Praha.

### CZECHOSLOVAKIA

HORACKOVA, E.; CULTK, A.; Rosearch Institute of Human Nutrition (Ustav pro Vyzkum Vyzivy Lidu), Prague - Krc.

"Emotional Deprivation Projection Test for Differential Indication of Treatment in Neuroses."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, p 432

Abstract: The emotional deprivation projection test (EDPT) was used in the investigation of 294 persons. It allows a quicker and more accurate diagnosis of the elemental personality features, the prediction of frustration thresholds during physical and psychic loads, and the classification of neurotic patients for therapeutic indications. The method was used to find a group of 50 people among those investigated who were resistant to any psychotherapeutical approach. 23 among these expressed hostility to the EDPT method. 11 out of these reacted positively to placebo administration. Out of the other 27 who had no objection to EDPT, only 8 reacted positively to a placebo treatment. 2 Western, 1 Czech reference. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik 18 - 22 Jan 66.

# APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005094

CZECHOST.OVAKIA / POLAND

CWYNAR, S.: RYDZINSKI, Z.; Psychiatric Clinic of the Military Medical Academy, Lodz. /Original version not given /.

"Psilocybin in the Treatment of Personality Disturbances."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, p 424

Abstract: Psilocybin administers a biochemical and psychic shock.

Under its influence the mental structure of a person is loosened.

This condition is suitable for the application of psychotherapeutic treatment; without the treatment the shock is of no benefit.

A successful treatment under psilocybin shock must be repeated
at least 6 - 10 times. Best results with the treatment are obtained with patients suffering from personality problems. The drug
should be handled only by responsible psychiatrists. No references. Submitted at the 8th Annual Psychopharmacological Meeting
at Jesenik, 18 - 22 Jan 66. Article is in German.

### CULIK, D.

The Prague session on European health. Cas. lek. cesk. 103 no.44:1226-1228 30 0 '64.

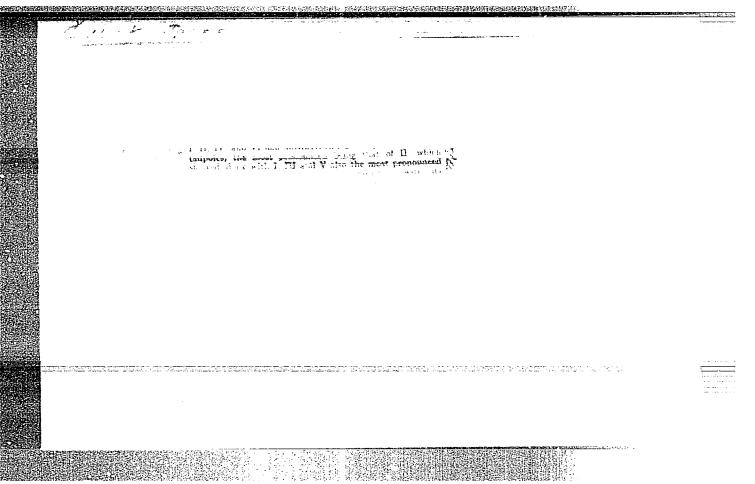
1. Ministerstvo zdravotnictvi, Praha.

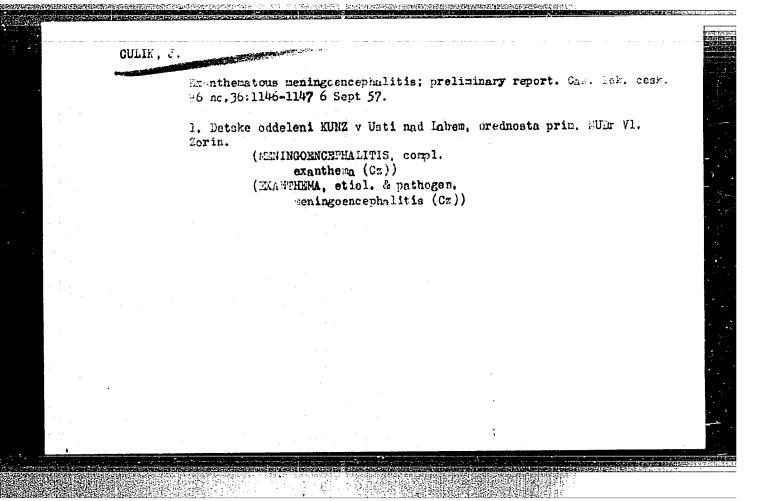
CULIK, J.

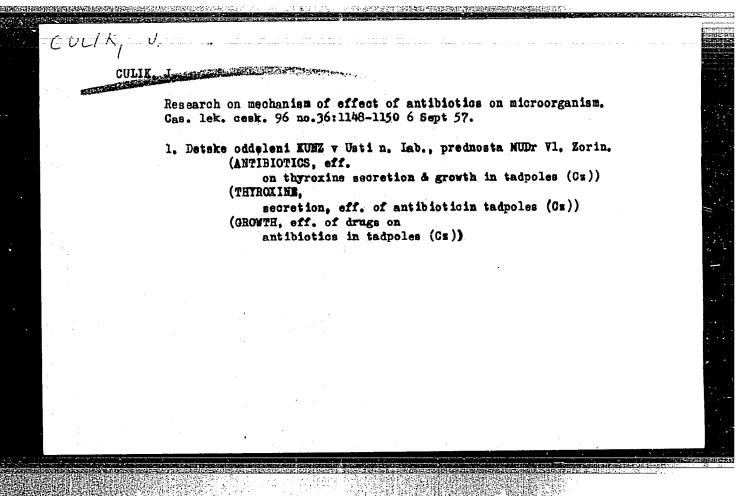
Scales for measuring the thickness of the snow blanket. r. 114. METEOROLOGICKE ZPRAVY. Vol. 6, no. 4. Sept. 1953.

SOUNCE: East European Accessions List. (EEAL), LC. Vol. 5, No. 3, March 1956.

# Good effect of spleen extract on acute hepatitis in splenectomized patients. Cas. lek. cesk. 94 no.21:575-576 20 May 55. 1. Infekcni oddeleni KUNZ Usti nad Labem. (SPLEEN extract, eff. on hepatitis in splenectomized patients) (HEPATITIS, therapy spleen extract, in splenectomized patients.)







# CULIK, J.; ZIMAK, V.

Meningoencephalitis exanthematica. Cas. lek. ceek. 98 no.23:717-721 5 June 59.

1. IV. detska klinika KU v Praze, prednosta prof. MUDr Frantisek Blazek. Infekcni oddeleni OUNE v Teplicich, prednosta prim. MUDr. Vojtech Zimak. J. C., J.C., Praha 2, Ke Karloyu 2.

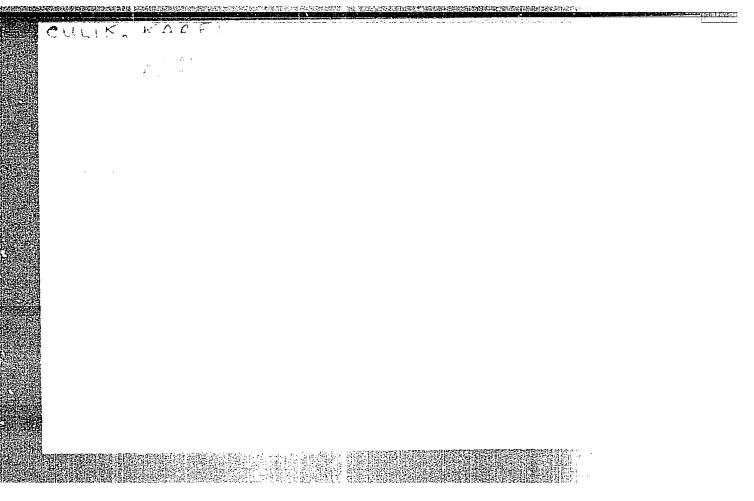
(MENINGOENCEPHALITIS, case reports
exanthematica (Cz))

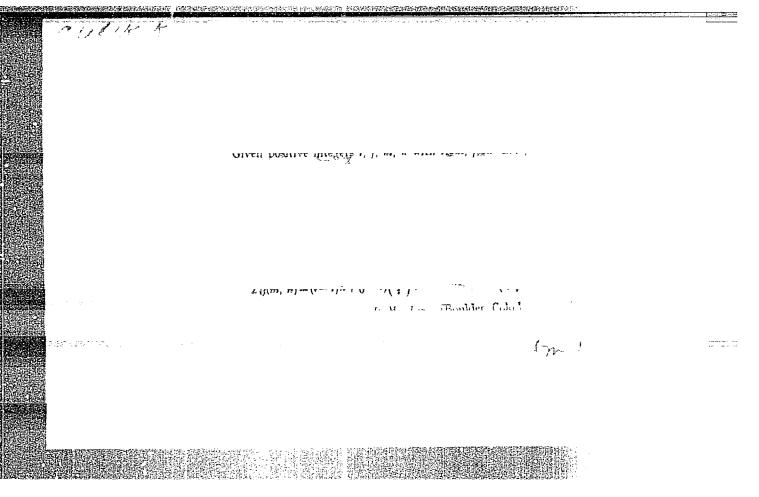
CULIK, J.; za technicke spoluprace BARTOSOVE, D.

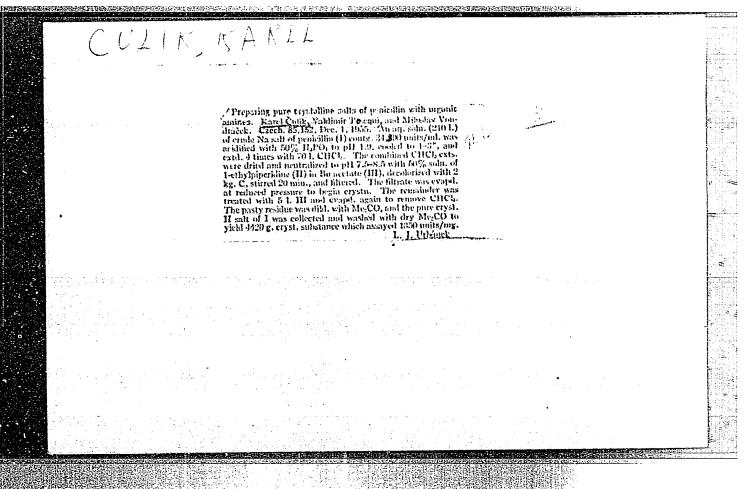
Combination of chlorpromazine with antithyroid preparations. Cas.
lek.cesk. 99 no.14:434-437 1 Ap '60.

1. IV. detska klinika KU v Praze, prednosta prof. MUDr. Fr. Blazek.
(GHLORPROMAZINE pharmacol.)
(THYROID ANTAGONISTS pharmacol.)

L 30906-66 ACC NR: AP6022946 02/0085/65/000/005/0149/0152 SOURCE CODE: 16 AUTHOR: Culik, Jaroslav; Hrbek, Josef B ORG: HMU TITE: Minimum temperatures during slight frosts in the fruit-growing region SOURCE: Meteorologicke zpravy, no. 5, 1965, 149-152 TOPIC TAGS: atmospheric temperature, frost, agriculture crop ABSTRACT: The article presents the results of measurements of the minimum temperatures in the period of autumn frosts in the rugged terrain of characteristic regions of the Czech highlands and Southern Moravia, which are rich fruit-growing areas. [JPRS] SUB CODE: 04. 02 / SUBM DATE: none / SOV REF: OOL / OTH REF: OO4 Card 1/1 60





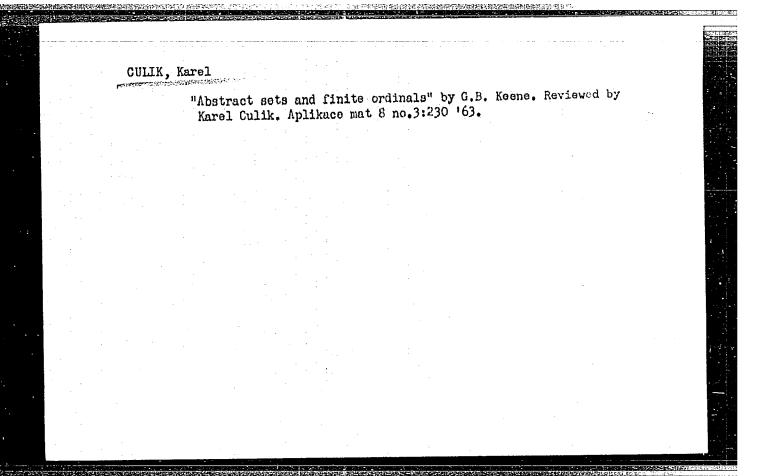


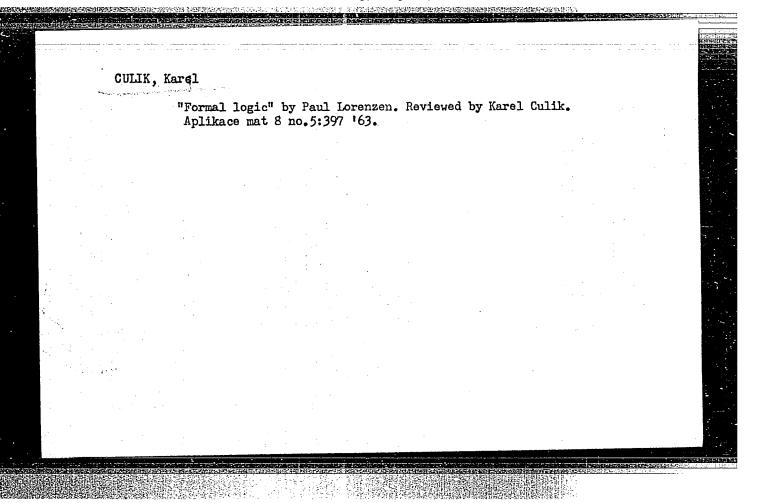
### CULIK, Karal

Description of a terminal automaton and remark on its analysis. Aplikace mat. 8 no.4; 292-301 63.

"On formally undecidable propositions of Principia Methematica and related systems" by Kurt Godel. Reviewed by Karel Culik. 317-318

1. Matematicka laborator, Ceske vysoke uceni technicke, Praha 2, Horska 3.





# CHULIK, Karel [Culik, Karel]

Remark on the construction of regular graphs of the third order containing the Hamiltonian circle. Cas pro pest mat 89 no.4:385-389 0 164.

Life, work and personality of Ladislav Rieger. Ibid.: 492-494

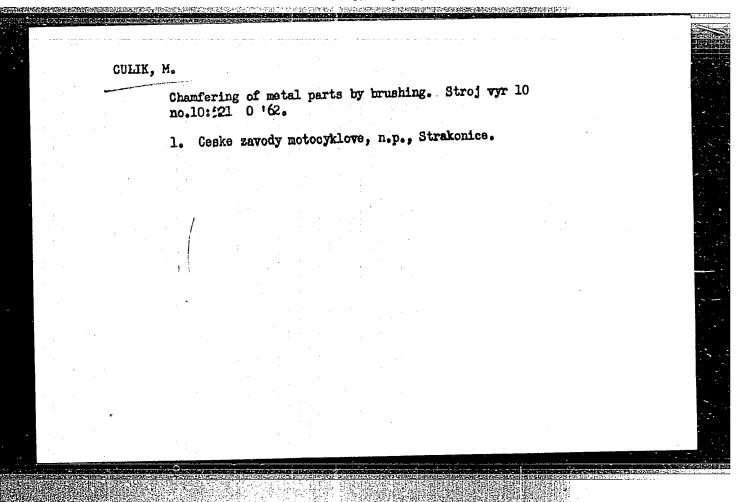
1. Institute of Mathematics of the Czechoslovak Academy of Sciences, Prague 1, Zitna 25. Submitted January 24, 1962.

CULIK, Karel, dr. CSc.

Semantics and translation of grammars ard ALGOL-like languages. Kybernetika 1 no.1:47-49 '64.

1. Institute of Mathematics of the Czechoslovak Academy of Sciences, Prague 1, Zitna 25. Submitted June 25, 1964.

L 3050-66 EED-2/EWP(1) LJP(c) BB/GG	
ACCESSION NR: AP5026341 (Z/0088/65/000/001/0047/0049  AUTHOR: Culik, Karel (Doctor, Candidate of sciences)  B	
AUTHOR: Culik, Karel (Doctor, Candidate of sciences)	U.
TITLE: Semantics and translation of grazzars and ALGOL-like languages	
SOURCE: Kybernetika, no. 1, 1965, 47-49	
TOPIC TAGS: computer language, machine translation, algorithm	
Abstract [English article, author's Czech summary]: The notion of translation is defined mathematically, in the usual way, as a mapping of the expressions such that their meanings are invariant. This mapping is described as a construction which can be divided into three algorithms: analysis of the given expression, giving the corresponding phrase marker; translation of the symbols and rules, giving the corresponding phrase marker in the target language; and the synthesis of the resultant expression.	
ASSOCIATION: Matematicky ustav CSAV, Pragus (Mathematics Institute CSAV)	
Trague (Pathematics Institute (SAV)	
SUBHITTED: 25Jun64 ENGL: 00 SUB CODE: DP	



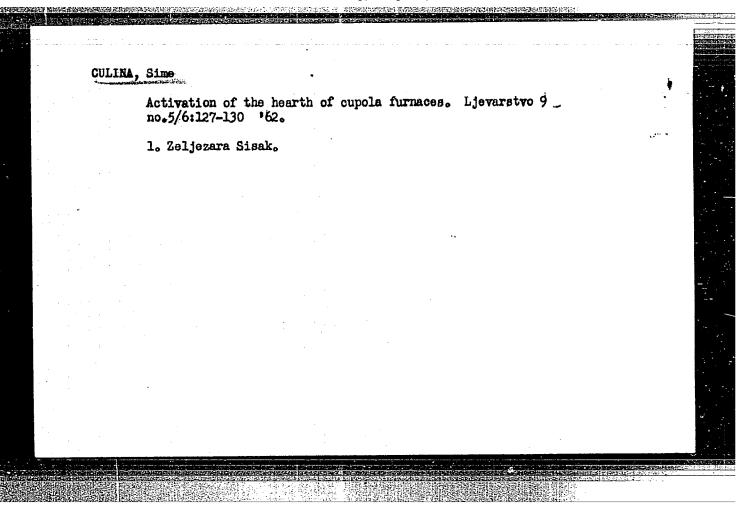
TOMASEGOVIC, Z.; JANKOVIC, Z.; PETKOVIC, V.; STANIC, M.; BETLHEIM, S.; BLAZEVIC, D.; PERSIC, N.; ZORINC, S.; TEODOROVIC, B.; VRANCIC, J.; VODOPIJA, I.; ANTONIAZZO, Z.; CULIC, R.; GALINOVIC-WEIEGLASS, M.; REFANOV, Z.; MRAVUNAC, B.; KOEHLER-KUBELKA, N.; CEZNER, M.; KOHN, V.; TEKAVCIC, B.; EMILI, H.; SMERDEL, S.; SOOS, E.; VUKSANOVIC, V.; JANJATOVIC, M.; IERVIGNUG, I.; GRUENWALD, P.; SKRABALO, Z.; CREPINKO, I.; HAUPTMANN, E.; VIDACEK, S.; HORVAT, A.; MIOCKA, O.; IVANCEVIC, D.; PERGER, A.; KRSNJAVI, B.; PRAZIC, M.; SALAJ, B.; SUBOTIC, R.; RADOSEVIC, Z.; KELERBACOKA, M.; HAHN, A.; MATKOVIC, B.; RADONIC, M.

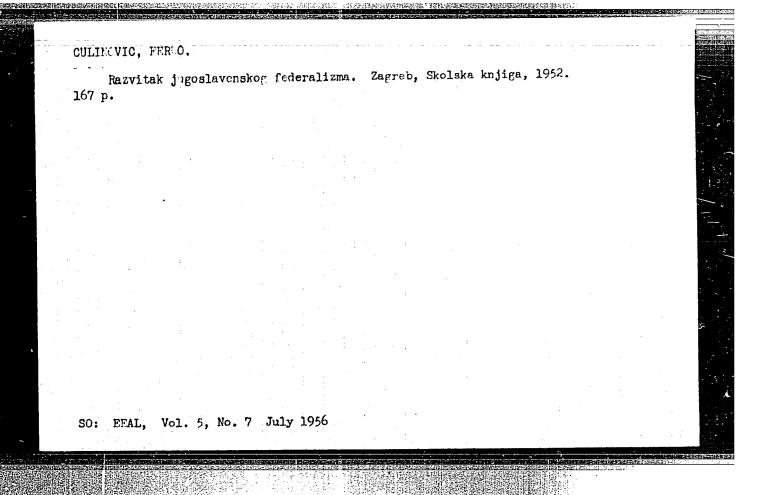
Reveiw of periodicals; medicine. Bul sc Youg 9 no.4/5:145-147 Ag-O '64.

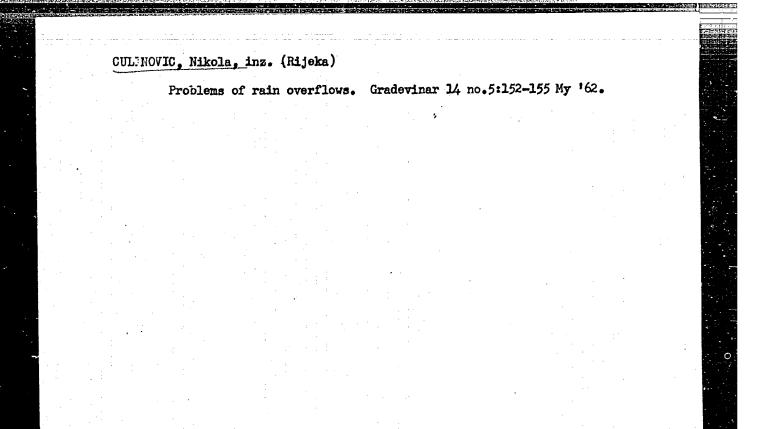
Regeneration of the old waste sand. Ljevarstvo 9 no.5/6: 113-120 '62.

1. Zeljezara Sisak.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000509420







### CULINOVSCHI, C.

"A belated flight; a short story. Tr. from the Russian". p. 18. (AVIATIA SPORTIVA, Vol. 5, No. 2, Feb. 1954, Bucuresi, Rumania)

SO: Monthly List of East European Accessions, (EKAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

ANDREI, S., ing.; CULITA, C., ing.; SBENGHE, R., ing.

Research on the steeping sensibility of lossses. Hidrotehnica 7 no. 6:173-187 Je '62.

DAMIAN, C., conf. ing., candidat in stiinte tehnice; CULITA, T., ing.

Utilization of rope strands as prestressed reinforcings in preparation of concrete elements. Rev constr si mat constr 16 no. 1/2-11 Ja 164.

CULJAK, F.

Yugoslavia (430)

Technology

Some problems concerning the service of railroad personnel. p. 339, Zeleznice, Vol. 8, no. 11, November 1952.

East European Accessions List, Library of Congress, Vol. 2, No. 3, March 1953. UNCLASSIFIED.